



16179 U.S. PTO

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: FREITAG et al.  
Docket: HSJ920030108US1  
(HITG.044PA)  
Title: METHOD AND APPARATUS FOR PROVIDING  
MAGNETOSTRICTION CONTROL IN A FREELAYER OF A  
MAGNETIC MEMORY DEVICE

22387 U.S. PTO  
10/712168

## CERTIFICATE UNDER 37 CFR 1.10

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Date of Deposit: November 12, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: *Kathleen McDevitt*  
Name: Kathleen McDevitt

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- Transmittal sheet containing Certificate under 37 CFR 1.10.
- Patent Application: Pages Numbered 1-25, with 1pg. Abstract; 17 claims.
- 11 sheets of formal drawings, having Figures 1-12.
- An executed Declaration, 3 pages.
- Assignment of the invention to Hitachi Global Technologies Netherlands B.V., Recordation Form Cover Sheet.
- Please charge Deposit Account No. 50-2587 (HSJ920030108US1) in the total amount of \$1,114.00 for payment of the Filing Fee and \$40.00 for payment of the assignment recordation.
- Please charge/credit Deposit Account No. 50-2587 (HSJ920030108US1) for any deficiencies/overpayments.
- 2 Return Postcards

The fees are calculated as follows:

Assignment Recordation Fee = \$40.00

Basic Filing Fee = \$770.00

Fee for total number of claims in excess of 20 = \$18 \* (17-20) = \$0.00

Fee for total number of independent claims in excess of 3 = \$86 \* (7 - 3) = \$344.00

Total filing fee due = \$1,114.00

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